Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
Data File : BP010009.D
Acq On : 21 Apr 2022 11:38
Operator : CG/JU
Sample : SSTD01024
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 21 14:01:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 13:57:49 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010624

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 133358 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.746 | 136 | 597441 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.575 | 164 | 439195 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.322 | 188 | 994012 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.404 | 240 | 1041263 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.857 | 264 | 920779 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 12352 | 4.134 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.787 | 84 | 80300 | 9.747 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.099 | 99 | 109950 | 9.391 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.263 | 67 | 71428 | 10.248 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 85903 | 9.727 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.646 | 113 | 92188 | 9.432 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.099 | 128 | 46249 | 10.735 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.822 | 143 | 48165 | 10.197 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.363 | 165 | 98313 | 9.947 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.881 | 131 | 133330 | 9.471 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 337153 | 9.773 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.263 | 160 | 404311 | 9.892 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.757 | 143 | 53610 | 8.568 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.563 | 176 | 294978 | 10.164 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 200 | 49694 | 8.439 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.422 | 188 | 472085 | 9.919 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 587030 | 10.323 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.698 | 264 | 470263 | 9.807 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 13092 | 4.298 | ng/uL# | 10 |
| 5) Pyridine | 3.811 | 79 | 83712 | 9.739 | ng/ul# | 38 |
| 6) Benzaldehyde | 7.075 | 77 | 75083 | 10.457 | ng/ul | 98 |
| 8) Phenol | 7.128 | 94 | 111202 | 9.489 | ng/ul# | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.358 | 93 | 90342 | 9.896 | ng/ul# | 77 |
| 12) 2-Chlorophenol | 7.505 | 128 | 87010 | 9.772 | ng/ul | 91 |
| 13) 2-Methylphenol | 8.381 | 108 | 86247 | 9.438 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469 | 45 | 139881 | 10.366 | ng/ul# | 84 |
| 16) Acetophenone | 8.763 | 105 | 152387 | 9.896 | ng/ul# | 82 |
| 17) N-Nitroso-di-n-propyla... | 8.746 | 70 | 81221 | 10.174 | ng/ul# | 74 |
| 18) 4-Methylphenol | 8.710 | 108 | 97160 | 9.818 | ng/ul | 94 |
| 19) Hexachloroethane | 9.028 | 117 | 37243 | 9.907 | ng/ul | 86 |
| 22) Nitrobenzene | 9.140 | 77 | 114722 | 10.374 | ng/ul# | 81 |
| 23) Isophorone | 9.669 | 82 | 223217 | 9.796 | ng/ul | 96 |
| 25) 2-Nitrophenol | 9.857 | 139 | 52280 | 10.378 | ng/ul# | 86 |
| 26) 2,4-Dimethylphenol | 9.916 | 107 | 116709 | 9.762 | ng/ul# | 76 |
| 27) Bis(2-Chloroethoxy)met... | 10.152 | 93 | 136336m | 10.191 | ng/ul | |
| 29) 2,4-Dichlorophenol | 10.393 | 162 | 96761 | 10.098 | ng/ul# | 83 |
| 30) Naphthalene | 10.799 | 128 | 310577 | 10.108 | ng/ul | 96 |
| 32) 4-Chloroaniline | 10.899 | 127 | 129766 | 9.315 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.093 | 225 | 69539 | 10.076 | ng/ul | 95 |
| 34) Caprolactam | 11.669 | 113 | 32824 | 10.358 | ng/ul# | 17 |
| 35) 4-Chloro-3-methylphenol | 12.022 | 107 | 113279 | 9.756 | ng/ul# | 70 |
| 36) 2-Methylnaphthalene | 12.404 | 142 | 226096 | 10.072 | ng/ul | 91 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.622 | 142 | 229304 | 10.117 | ng/ul# | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.775 | 216 | 135681 | 10.097 | ng/ul# | 94 |
| 40) Hexachlorocyclopentadiene | 12.757 | 237 | 60834 | 6.524 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.010 | 196 | 83644 | 9.747 | ng/ul# | 80 |
| 42) 2,4,5-Trichlorophenol | 13.081 | 196 | 89645 | 9.667 | ng/ul# | 81 |
| 43) 1,1'-Biphenyl | 13.410 | 154 | 321466 | 10.032 | ng/ul | 96 |
| 44) 2-Chloronaphthalene | 13.451 | 162 | 249845 | 10.143 | ng/ul | 92 |
| 45) 2-Nitroaniline | 13.646 | 65 | 78287 | 10.845 | ng/ul# | 75 |
| 47) Dimethylphthalate | 14.022 | 163 | 332891 | 10.025 | ng/ul# | 93 |
| 48) 2,6-Dinitrotoluene | 14.140 | 165 | 64178 | 10.508 | ng/ul | 99 |
| 50) Acenaphthylene | 14.293 | 152 | 408829 | 10.136 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.469 | 138 | 66033 | 10.400 | ng/ul# | 85 |
| 52) Acenaphthene | 14.634 | 153 | 263683 | 9.985 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 14.675 | 184 | 24317 | 6.587 | ng/ul# | 72 |
| 55) 4-Nitrophenol | 14.769 | 109 | 49172 | 8.538 | ng/ul# | 46 |
| 56) Dibenzofuran | 14.969 | 168 | 396485 | 10.201 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 96017 | 10.706 | ng/ul# | 81 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.198 | 232 | 82364 | 9.741 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.387 | 149 | 337669 | 9.826 | ng/ul | 94 |
| 61) Fluorene | 15.622 | 166 | 324944 | 10.150 | ng/ul | 91 |
| 62) 4-Chlorophenyl-phenyle... | 15.616 | 204 | 169888 | 9.980 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.628 | 138 | 68401 | 10.755 | ng/ul# | 78 |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 49917 | 8.528 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.828 | 169 | 283227 | 9.954 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.510 | 248 | 103000 | 9.573 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.634 | 284 | 121048 | 9.784 | ng/ul# | 91 |
| 70) Atrazine | 16.781 | 200 | 110349 | 9.395 | ng/ul# | 89 |
| 71) Pentachlorophenol | 16.975 | 266 | 66758 | 7.971 | ng/ul | 85 |
| 72) Phenanthrene | 17.363 | 178 | 538669 | 10.152 | ng/ul | 99 |
| 74) Anthracene | 17.457 | 178 | 544715 | 10.126 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.375 | 216 | 141756 | 9.864 | ng/uL# | 84 |
| 76) Pentachlorobenzene | 14.893 | 250 | 141554 | 10.105 | ng/uL | 92 |
| 77) Carbazole | 17.722 | 167 | 469617 | 9.660 | ng/ul# | 96 |
| 78) Di-n-butylphthalate | 18.275 | 149 | 582540 | 9.745 | ng/ul# | 93 |
| 80) Fluoranthene | 19.328 | 202 | 656592 | 10.031 | ng/ul | 97 |
| 82) Pyrene | 19.680 | 202 | 683689 | 10.302 | ng/ul# | 93 |
| 83) Butylbenzylphthalate | 20.551 | 149 | 265072 | 9.736 | ng/ul# | 79 |
| 84) 3,3'-Dichlorobenzidine | 21.316 | 252 | 205680 | 9.270 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 642199 | 9.729 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.316 | 149 | 404560 | 9.879 | ng/ul# | 83 |
| 87) Chrysene | 21.445 | 228 | 645135 | 10.129 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.257 | 149 | 684277 | 10.607 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.110 | 252 | 611717 | 9.999 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.157 | 252 | 570263 | 10.215 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 23.745 | 252 | 562367 | 9.917 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.415 | 276 | 540328 | 9.112 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.439 | 278 | 464050 | 9.025 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 27.204 | 276 | 466142 | 9.534 | ng/ul | 95 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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